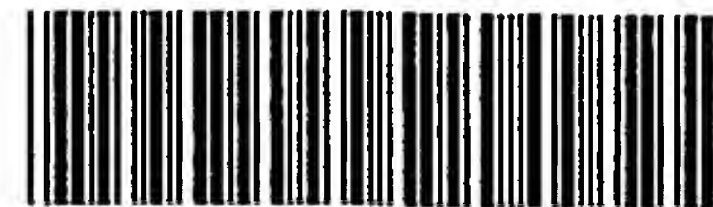


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/580,597
Source: IFWP
Date Processed by STIC: 6/7/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/580,597

DATE: 06/07/2006

TIME: 11:03:26

Input Set : A:\ARG019 Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580597.raw

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3 <110> APPLICANT: Tcherepanova, Irina
5 <120> TITLE OF INVENTION: mRNA TRANSFECTED ANTIGEN PRESENTING CELLS
7 <130> FILE REFERENCE: 1430/17/2
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/580,597
C--> 9 <141> CURRENT FILING DATE: 2006-05-25
9 <150> PRIOR APPLICATION NUMBER: US 60/525,076
10 <151> PRIOR FILING DATE: 2003-11-25
12 <160> NUMBER OF SEQ ID NOS: 6
14 <170> SOFTWARE: PatentIn version 3.3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 90
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of mRNA to cDNA
25 <220> FEATURE:
26 <221> NAME/KEY: MISC_FEATURE
27 <222> LOCATION: (89)..(89)
28 <223> OTHER INFORMATION: v can be a, g, or c
30 <220> FEATURE:
31 <221> NAME/KEY: MISC_FEATURE
32 <222> LOCATION: (90)..(90)
33 <223> OTHER INFORMATION: n can be a, g, c, or t
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W--> 38 tttttttttt tttttttttt ttttttttvn 90
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42 <211> LENGTH: 90
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial
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47 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of mRNA to cDNA
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51 <221> NAME/KEY: MISC_FEATURE
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53 <223> OTHER INFORMATION: v can be a, g, or c
55 <220> FEATURE:
56 <221> NAME/KEY: MISC_FEATURE
57 <222> LOCATION: (90)..(90)
58 <223> OTHER INFORMATION: n can be a, g, c, or t
60 <400> SEQUENCE: 2
61 cgataaaagc tccgggggata acagattttt tttttttttt tttttttttt tttttttttt 60
W--> 63 tttttttttt tttttttttt ttttttttvn 90

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RAW SEQUENCE LISTING

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,597

TIME: 11:03:26

Input Set : A:\ARG019 Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580597.raw

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66 <210> SEQ ID NO: 3
67 <211> LENGTH: 30
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of mRNA to cDNA
74 <400> SEQUENCE: 3
75 aagcagtggg aacaacgcag agtacgcggg 30
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 46
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of mRNA to cDNA and
85 incorporating T7 polymerase binding site into cDNA
87 <400> SEQUENCE: 4
88 taatacgact cactataggg aggaagcagt ggtaacaacg cagagt 46
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 100
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Single-stranded sense oligonucleotide probe for capture of
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98 ubiquitin mRNA.
100 <400> SEQUENCE: 5
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108 <212> TYPE: DNA
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112 <223> OTHER INFORMATION: Single-stranded antisense oligonucleotide probe for capture
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113 human ubiquitin mRNA.
115 <400> SEQUENCE: 6
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/580,597

DATE: 06/07/2006
TIME: 11:03:27

Input Set : A:\ARG019 Sequence Listing.txt
Output Set: N:\CRF4\06072006\J580597.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 90
Seq#:2; N Pos. 90

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

VERIFICATION SUMMARY

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,597

TIME: 11:03:27

Input Set : A:\ARG019 Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580597.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:60

L:63 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60